BRUHAT BANGALORE MAHANAGARA PALIKE

MEASUREMENT SHEET

RA 1ST AND FINAL BILL

Name of work: Construction of RCC Drain from Saibaba Temple to Raghavendra Temple, HMT Layout in Ward No. 09 (Vidyaranyapura) Vidyaranyapura Sub Division.

Estimated Cost : Rs. 50.00 Lakhs

Head of Account : P-3329

Name of Agency: Sri K. Anil Kumar, No. 84-L, 2nd Floor, 3rd Cross, 4th Main, HAL 3rd Stage, Bangalore - 560 075.

Work order No: BBMP/EE/BTP/WO/209/2018-19 Dated: 10.01.2019.

Measurements Recarded on :

SL. No	DESCRIPTIONS	NO	Length	Width 1	width 2	Average Width	Depth	Quntity	Unit / Rate in Rs.	Amount in Rs.
			meters	meters	meters	meters	meters			
1	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work								Cum	
	Qty as per Premeasurement Recorded vide E-MB Page No. 1 is							**384.00**	199.36	**76554.00**
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.								Cum	
	Qty as per Premeasurement Recorded vide E-MB Page No. 1 is							**64.00**	5348.76	**342321.00**
3	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams								Cum	
	From Vidyaranyapura Main Road to 8th Cross									
	Bottom	1	10.30			3.00	0.25	7.73		
		1	30.00			3.00	0.25	22.50		
		1	30.00			3.00	0.25	22.50		
		1	21.00			3.00	0.25	15.75		
		1	16.00			3.00	0.25	12.00		
	Side Walls									
		2	10.30			0.25	1.85	9.53		
		2	30.00			0.25	1.85	27.75		
		2	30.00			0.25	1.85	27.75		
		2	21.00			0.25	1.85	19.43		
		2	16.00			0.25	1.85	14.80		
	Coping Concrete									
		2	10.30			0.50	0.20	2.06		
		2	30.00			0.50	0.20	6.00		
		2	30.00			0.50	0.20	6.00		
		2	21.00			0.50	0.20	4.20		
		2	16.00			0.50	0.20	3.20		
							Total Qty =	**201.19**		
							Qty Limited to =	**198.40**	6231.74	**1236377.00**

SL. No	DESCRIPTIONS	NO	Length meters	Width 1 meters	width 2 meters	Average Width meters	Depth meters	Quntity	Unit / Rate in Rs.	Amount in Rs.
4	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT Bars FE 500								Tonne	
	Qty as per Premeasurement Recorded vide E-MB Page No. 2 is							**13.89**	64243.42	**892341.00**
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.								Sqm	
	Qty as per Premeasurement Recorded vide E-MB Page No. 2 is							**480.00**	310.58	**149078.00**
6	Providing precast slab of 250mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate								Sqm	
	Covering Slab									
	From Vidyaranyapura Main Road									
		1	10.30			3.00		30.90		
		1	30.00			3.00		90.00		
		1	30.00			3.00		90.00		
		1	21.00			3.00		63.00		
	8th Cross to 9th Cross	1	32.00			3.00		96.00		
	9th Cross to Lake	1	30.00			3.00		90.00		
		1	7.00			3.00		21.00		
							Total Qty =	**480.90**		
							Qty Limited to =	**480.00**	3150.00	**1512000.00**
						Total			=	**4208671.00**

Rupees Forty Two Lakh(s) Eight Thousand Six Hundred Seventy One Only

Assistant Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97